

CLAIMS

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5 1. A measuring device comprising a measuring module (10) with a data processing unit (14), a data input unit (18), and an indicator unit (20), as well as a clock (12), characterized in that the clock (12) is a unit galvanically separate from the measuring module (10) and in that the measuring device has means for non-touchingly obtaining the indicated time data from the clock (12) and for transmitting said time data to the measuring module (10).

2. A measuring device according to Claim 1, further characterized in that the clock (12) has a time indicator (34) which is selectably settable to a pre-given null point and which, after the ending of a measurement, is resettable to the actual time.

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B2
Q158

3. A measuring device according to Claim 1, further characterized in that the clock (12) has an analog time indicator with hands (44,46) and that the time obtaining means (52,54) obtains the hand positions.

4. A measuring device according to Claim 3, further characterized in that the time obtaining means (52,54) is formed to optically obtain the hand positions.

5 5. A measuring device according to Claim 1, further characterized in that the clock has a digital indicator with an LCD screen (34), that the LCD screen (34) is selectively switchable to dark, and that the measuring module (10) has a counter which is triggerable by a sensor sensing the LCD screen (34).

5 6. A measuring device according to Claim 5, further characterized in that the means for obtaining and for transmitting the time data includes a device (28,30) for wirelessly transmitting by way of at least one transmitter in the clock (12) and/or at least one receiver in the measuring module (10).

7. A measuring device according to Claim 1, further characterized in that the measuring module (10) is releasably connected with the clock (12).

8. A measuring device according to Claim 7, further characterized in that the measuring module (10) is clippable onto the clock (12).

9. A measuring device according to Claim 1, further characterized in that the clock (12) and the measuring module (10) are arranged in a common housing.

10. A measuring device according to Claim 1, further characterized in that it is provided with an arm band (38) to allow the device to be carried on a wrist.

11. A measuring device according to Claim 1, further characterized in that the measuring module (10) is formed for the measurement of parameters of the human body.

12. A measuring device according to Claim 1, further characterized in that the measuring module (10) is formed for the measurement of environmental parameters.

13. A measuring device according to Claim 1, further characterized in that the data processing unit (14) has a memory (16) accessible through the data input unit (18).

14. A measuring device according to Claim 1, further characterized in that it has an alarm device (22) coupled with the measuring module (10).

15. A measuring device according to Claim 1, further characterized in that the measuring module (10) is formed for the carrying out of calculation functions.

16. A measuring device according to Claim 1, further characterized in that the measuring module (10) is formed for the carrying out of supervisory functions.

17. A measuring device according to Claim 1, further characterized in that the measuring module (10) is formed to indicate the amount and the application time point of a medicine.

Sub 344
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18. A measuring device according to Claim 1, further characterized in that the measuring module (10) has a radio receiver (24).

19. A measuring device according to Claim 1, further characterized in that the measuring module (10) is formed for the determination of a geographic position.

20. A measuring device according to Claim 1, further characterized in that the data processing unit (14) is connected with a speech module.

Sub 344

21. A measuring device according to Claim 1, further characterized in that it has at least one contact surface (66) for data exchange with an external device.

22. A measuring device according to Claim 21, further characterized in that the contact surface (66) is covered.

23. A measuring device according to Claim 1, further characterized in that the clock (12) has a housing (56) which covers the measuring module (10).

24. A measuring device according to Claim 23, further characterized in that on the side of the clock housing (56) facing the measuring module (10) are arranged contact elements (66) connected with the data processing unit (14) of the measuring module (10) for connection with data transmission means.

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25. A measuring device according to Claim 14, further characterized in that the device has at least one contact surface (66) for data exchange with an external device, and in that the data processing unit (24) is so coupled with the alarm device (22) that the alarm device is actuated when a data exchange is ended.

26. A measuring device according to Claim 1, further characterized in that it includes a transponder for the contactless transmission of data.

27. A measuring device according to Claim 23, further characterized in that the clock housing (56) is pot-shaped and receives the measuring module (10).

28. A measuring device according to Claim 27, further characterized in that the clock housing (56) is pivotally linked to the measuring module (10) about an axis (60).

29. A measuring device according to Claim 27, further characterized in that between the clock housing (56) and the measuring module (10,58) is arranged a seal (62).

30. A measuring device according to Claim 27, further characterized in that a surrounding ring (68) is arranged on the clock housing (56), which ring has a bayonet type connection with a control surface (72) formed on the measuring module (10) that it can be received by the measuring module so that a seal (62) between the clock housing (56) and the measuring module (10,58) is compressed.

31. A measuring device according to Claim 1, further characterized in that the clock (12) has a dial having a holographic pattern printed on at least a part of the dial.

32. A measuring device according to Claim 1, further characterized in that the measuring module contains a compass.

33. A measuring device according to Claim 21, further characterized in that the clock (12) has a stop clock function.

34. A measuring device according to Claim 1, further characterized in that it is formed for the carrying out of electronic cash functions.

35. A measuring device according to Claim 1, further characterized that it contains an altimeter.

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